SONY

3-750-196-21 (1)

Stereo Active Speaker System

SRS-77G

Operating Instructions page 2

Before operating the unit, please read this manual thoroughly and retain it for future reference.

Mode d'emploi page 12

Avant la mise en service de cet appareil, prière de lire attentivement ce mode d'emploi que l'on conservera pour toute référence ultérieure.

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Owner's Record

The model and the serial number are located on the top. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. SRS-77G Serial No. _____

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

Features

The Sony SRS-77G is a compact-sized speaker system with a built-in power amplifier. It can be connected to a Discman, Walkman, etc.

- OBB (Dynamic Bass Boost) circuit enables you to obtain powerful bass and clear treble, regardless of the volume setting.
- The passive radiator assures a rich and powerful bass.
- The magnetically shielded unit has little effect on a TV screen or recorded tapes, etc. placed near the unit.
- Easy to carry with the carrying handle.
- High output power of 10 W + 10 W, using the built-in amplifier with a 12 V car battery.
- Three sources of operation—battery, car battery and house current.
- Splash-resistant design for making it possible to use the system outdoors or in the places to be splashed with water.
- The built-in automatic power switch circuit turns the unit on-off automatically.

Precautions

- **Operate the unit only on 9 - 12 V DC.** For AC or car battery operation, use the AC power adaptor or car battery cord recommended for this unit; do not use any other type.
- The nameplate indicating operating voltage, etc. is located on the side.
- If the unit is not to be used for a long period of time or is to be operated extensively on other power sources, remove the batteries to avoid damage from battery leakage and corrosion.
- Do not open the cabinet. Refer servicing to qualified personnel only.
- Do not leave the unit in a location near heat sources, in a place subject to direct sunlight in a car with its windows closed, or in a place subject to excessive dust, moisture or mechanical shock.
- Should any solid object or liquid fall into the unit, remove the batteries and have the unit checked by qualified personnel before operating it any further.
- Although this speaker system is magnetically shielded, do not leave recorded tapes, watches, personal credit cards or floppydisks using magnetic coding in front of the unit for an extended period of time for precaution.
- Do not use alcohol, benzine or thinner to clean the cabinet.

Although this speaker system is designed to be splash resistant, it is not designed for underwater use.
Observe the following precautions to protect the system from possible damage.

- Do not throw the speakers into water.
- Although water in the R OUT jack will not leak into the inner part of the speaker, rust may develop, resulting in bad contact. Shake it out and leave the speaker to dry.
- **When the speakers get wet or have been washed, dry them with a soft cloth. Never use an electric hair dryer. The wind from the dryer may damage the speaker unit.**
- If the speakers have been dropped in salt water, be sure to rinse them off in still, fresh water. Use no soap or detergent.
- Close the battery compartment lid securely.
  Make sure that any cords should not be caught under the lid.
- Water may gather in the groove around the battery compartment. In such a case, tilt the speaker to drain water. Be careful not to drop water into the battery compartment.
- Close the anti-splash covers for R OUT jack and the switch sections firmly.

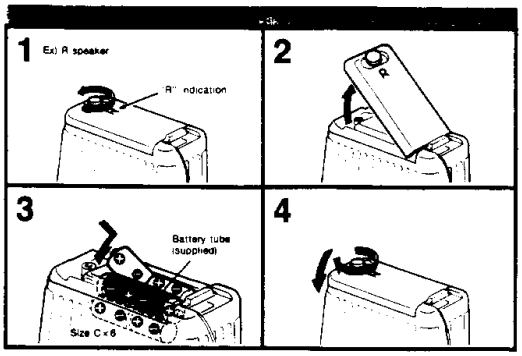
If the TV picture is magnetically distorted

Although this speaker system is magnetically shielded, the picture on some TV sets may be magnetically distorted.
In such a case, turn off the power of the TV set once, and after 15 to 30 minutes turn it on again.
When a sign of improvement does not appear, locate the speakers away from the TV set. Furthermore, be sure not to place things in which the magnets are attached or used, such as audio racks, TV stands, toys, etc. These may cause magnetical distortion in the picture due to their interaction with the speaker.

If you have any question or problem concerning your unit that is not covered in this manual, please consult the nearest Sony dealer.

Power Requirements

The power source is needed when the unit is used with the DIRECT/AMP selector set to AMP (the built-in power amplifier is in operation).



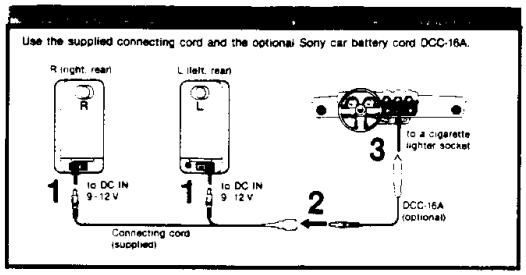
Install six size C (R14) batteries (optional) per speaker with correct polarity.

When using on batteries
Make sure that nothing is connected to the DC IN 9 - 12 V jack.

Before closing the battery compartment lid, pay attention to the "R" or "L" indication on it. The lid which has "R" indication is for R speaker.

Some batteries may cause short circuit when the exterior of the battery is scratched. To avoid causing short circuit, we recommend that you use the battery tubes.

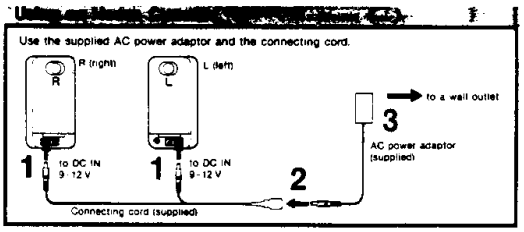
Battery replacement
When the batteries are weak, the POWER indicator will blink and glow faintly and the sound will become distorted or unstable. In this case, replace all the batteries with new ones. For battery life, see "Specifications" on page 11.


Use the supplied connecting cord and the optional Sony car battery cord DCC-16A.
R (right, rear)
L (left, rear)
to a cigarette lighter socket
to DC IN 9 - 12 V
to DC IN 9 - 12 V
DCC-16A (optional)
Connecting cord (supplied)

When the supplied connecting cord is plugged into the DC IN 9 - 12 V jack, the internal batteries are automatically disconnected.

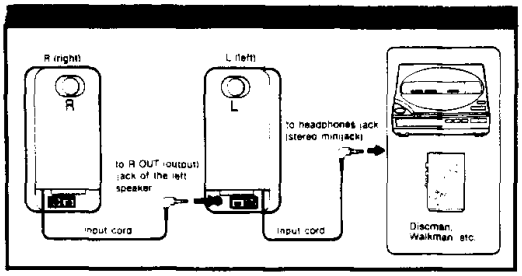
Notes

- Use only the supplied AC power adaptor or the recommended car battery cord manufactured by Sony. Polarity of the plugs of other manufacturers may be different.
- This system cannot be used on 24 V car battery.

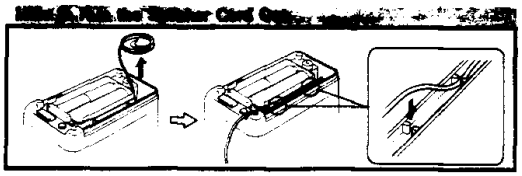

Use the supplied AC power adaptor and the connecting cord.
R (right)
L (left)
to a wall outlet
AC power adaptor (supplied)
to DC IN 9 - 12 V
to DC IN 9 - 12 V
Connecting cord (supplied)

When using only one speaker
Connect the supplied AC power adaptor or car battery cord directly to the DC IN 9 - 12 V jack of the speaker to be used. Do not use the supplied connecting cord to avoid short circuit by the plug of the unused cord.

Connections

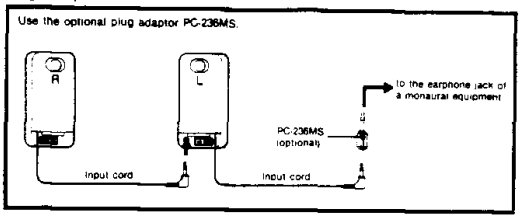


Connection to a Stereo Phone-type Headphones Jack
Use the supplied plug adaptor or RK-G138 connecting cord.



Using both speakers

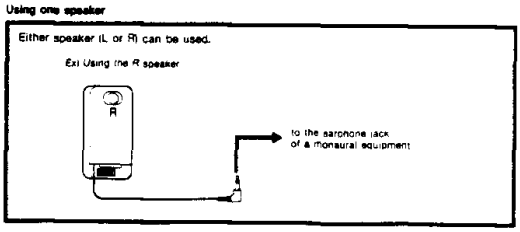
Use the optional plug adaptor PC-236MS.



Using one speaker

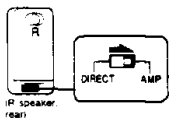
Either speaker (L or R) can be used.

Ex) Using the R speaker

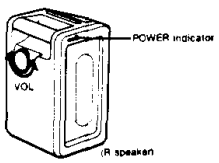


Operation

1 Set the *DIRECT/AMP* selector (rear of each speaker) to AMP.



2 Adjust the volume with *VOL* control on each speaker.



When a signal is supplied, the power will be turned on automatically and the POWER indicator will light up.
When no signal is supplied, the POWER indicator will go out after a few seconds, and the power will be turned off automatically after about one minute.

When the unit is not used for a long period of time
Set the DIRECT/AMP selector to DIRECT.

To adjust the volume
Before playing back the connected equipment, set the VOL control of each speaker to "10" (maximum) position, and adjust the volume of the connected equipment to the middle position (around "5"). *Play back the connected equipment in* this condition, and adjust the volume of the speaker when you want to turn down the volume, or adjust the volume on the connected equipment when you want to turn up the volume.

When continuously playing back a very low level part
The POWER indicator may go out during the non-recorded portions between selections, or at very low level parts like 'pianissimo' phrases in classical music, but the built-in amplifier is in operation. The POWER indicator lights up again when the next selection begins or when the input level goes up.

When the POWER indicator remains unlit for a long time, first turn down the volume of the speaker and then adjust the volume on the connected equipment.

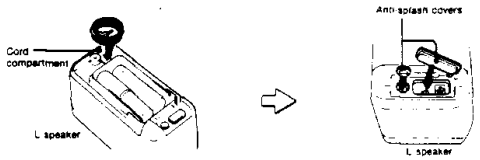
For powerful bass and clear treble
The built-in automatic DBB circuit works *automatically while the power is turned on.*

Power sources are not required.
Set the DIRECT/AMP selector to DIRECT.
In this case, the VOL control and the automatic DBB circuit do not operate.
Adjust the volume on the connected equipment.

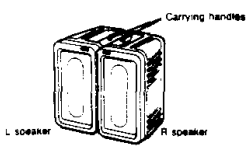
Carrying the Speakers

Remove the battery compartment lid and put the speaker cord into the cord compartment, and then attach the battery compartment lid again. Be sure to put the attached anti-splash covers on the R OUT jack, DC IN 9 - 12 V jacks and the DIRECT/AMP selectors.

To put the speaker cord into the cord compartment



Align both speakers as shown in the illustration for easy carrying with one hand.



When putting the speaker cord into the cord compartment
Be sure not to make the plug of the speaker cord touch any metallic objects. If the plug contacts with metallic objects, the built-in amplifier may be turned on for a moment, which may cause unnecessary battery wear. *Especially, never make it touch the metallic* terminals in the battery compartment.

Troubleshooting Guide

Distorted sound.	• The input level is too high. • Weak batteries.	• Turn down the volume on the connected equipment. • Insert new batteries.
Weak or no sound from one or both speakers.	• The DIRECT/AMP selector is set to DIRECT. • VOL is turned down completely. • Input cords are not connected securely. • When using DC batteries, connecting cord is connected to DC IN 9-12 V jacks.	• Set it to AMP. • Adjust the volume. • Connect the cords securely. • Disconnect the cord.
Battery compartment lid will not be closed.	• The R (or L) lid is attached to the L (or R) speaker.	• Attach the R (or L) lid to the R (or L) speaker.

Specifications

POWER OUTPUT AND TOTAL HARMONIC DISTORTION
5 watts per channel minimum continuous average power into 8 ohms, both channels driven, from 100-20,000 Hz with no more than 10% total harmonic distorstion.

Amplifier section
Power output 5 W + 5 W with the internal batteries
10 W + 10 W with the car battery
Input Speaker cord equipped with stereo miniplug (ø 3 mm)
Input impedance
100 ohms (at 1 kHz, with the DIRECT/AMP selector set to AMP)

Speaker section
System Full-range
Closed type
Speaker unit Full range: ø 65 mm (ø 2⅝ inches)
Passive radiator: ø 65 mm (ø 2⅝ inches)
Input impedance
8 ohms (with the DIRECT/AMP selector set to DIRECT)
Power handling capacity
Maximum 25 W (with the DIRECT/AMP selector set to DIRECT)

General
Power requirements
External power requirements
DC IN 9-12 V jack accepts:
Sony DCC-16A car battery cord (optional)
AC power adaptor (supplied)
Internal power requirements
DC 9 V, six size C (R14) batteries per speaker

Battery life

	at 150 mW + 150 mW output (hours)	at 50 mW + 50 mW output (hours)
Sony battery SUM-2 (NS)	Approx. 10	Approx. 30
Sony alkaline battery AM2 (N)	Approx. 20	Approx. 60

Dimensions Approx. 107 × 197 × 140 mm (w/h/d)
(4¼ × 7⅞ × 5⅝ inches)
incl. projecting parts and controls
Weight Approx. 1.2 kg (2 lb 10 oz) per speaker
not incl. batteries or other accessories
Supplied accessories
Connecting cord (1)
Battery tube (2)
Plug adaptor (1)
AC power adaptor (1)
Optional accessories
Connecting cord RK-G138
Plug adaptor PC-236MS
Car battery cord DCC-16A

Design and specifications subject to change without notice.